

## PLUS REQUEST FORM

Serial # of Application: 101081090 Today's DATE: 10 Feb 03

Requester's Name: V. TAYLOR Room#: 8001

Art Unit: 2862 Phone Number: 305-4470

Number of patents you want returned (50 to 300): 50

The **title, abstract, background** and **brief summary** are scanned. Scanning claims has been shown to provide less useful results, therefore claims are not normally scanned.

Key *words* to emphasize (optional): \_\_\_\_\_

Key words: The system **cannot search phrases**, only words. To search words with fewer than 2 or more than 50 characters, or any words with numbers in them, please list them as key words.

If you submit a case by 2:30 p.m., the technician will return the case and the results to your office or mailbox by 12:00 p.m. on the following work day. You will **only** be called if there is a problem with PLUS and the results are not ready.

10081090\_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents. Returned

From A Search of 10081090 on February 10, 2003

12	702/16	(7 OR, 5 XR).
	Class	702 : DATA PROCESSING: MEASURING, CALIBRATING, OR TESTING
	702/1	MEASUREMENT SYSTEM IN A SPECIFIC ENVIRONMENT
	702/2	.Earth science
	702/14	..Seismology
	702/16	...Specific display system (e.g., mapping, profiling)
7	702/14	(2 OR, 5 XR)
	Class	702 : DATA PROCESSING: MEASURING, CALIBRATING, OR TESTING
	702/1	MEASUREMENT SYSTEM IN A SPECIFIC ENVIRONMENT
	702/2	.Earth science
	702/14	..Seismology
6	367/38	(4 OR, 2 XR)
	Class	367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE SYSTEMS AND DEVICES
	367/14	SEISMIC PROSPECTING
	367/37	.Land-reflection type
	367/38	..Signal analysis and/or correction
6	367/73	(3 OR, 3 XR)
	Class	367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE SYSTEMS AND DEVICES
	367/14	SEISMIC PROSPECTING
	367/37	.Land-reflection type
	367/73	..Synthetic seismograms and models
4	367/59	(0 OR, 4 XR)
	Class	367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE SYSTEMS AND DEVICES
	367/14	SEISMIC PROSPECTING
	367/37	.Land-reflection type
	367/38	..Signal analysis and/or correction
	367/59	...Compositing system
3	367/25	(1 OR, 2 XR)
	Class	367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE SYSTEMS AND DEVICES
	367/14	SEISMIC PROSPECTING
	367/25	.Well logging

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- 3 367/37 (1 OR, 2 XR)  
 Class 367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE  
 SYSTEMS AND DEVICES  
 367/14 SEISMIC PROSPECTING  
 367/37 .Land-reflection type
- 3 367/47 (1 OR, 2 XR)  
 Class 367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE  
 SYSTEMS AND DEVICES  
 367/14 SEISMIC PROSPECTING  
 367/37 .Land-reflection type  
 367/38 ..Signal analysis and/or correction  
 367/47 ...Amplitude
- 3 367/50 (0 OR, 3 XR)  
 Class 367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE  
 SYSTEMS AND DEVICES  
 367/14 SEISMIC PROSPECTING  
 367/37 .Land-reflection type  
 367/38 ..Signal analysis and/or correction  
 367/50 ...Timing correction
- 3 367/75 (3 OR, 0 XR)  
 Class 367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE  
 SYSTEMS AND DEVICES  
 367/14 SEISMIC PROSPECTING  
 367/37 .Land-reflection type  
 367/75 ..Shear wave
- 3 702/17 (0 OR, 3 XR)  
 Class 702 : DATA PROCESSING: MEASURING, CALIBRATING, OR  
 TESTING  
 702/1 MEASUREMENT SYSTEM IN A SPECIFIC ENVIRONMENT  
 702/2 .Earth science  
 702/14 ..Seismology  
 702/17 ...Filtering or noise reduction/removal
- 3 702/18 (1 OR, 2 XR)  
 Class 702 : DATA PROCESSING: MEASURING, CALIBRATING, OR  
 TESTING  
 702/1 MEASUREMENT SYSTEM IN A SPECIFIC ENVIRONMENT  
 702/2 .Earth science  
 702/14 ..Seismology  
 702/18 ...Velocity of seismic wave
- 2 181/105 (0 OR, 2 XR)  
 Class 181 : ACOUSTICS

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181/101		GEOPHYSICAL OR SUBSURFACE EXPLORATION
181/102		.Well logging
181/105		..Bore hole or casing condition
2 181/106	(1 OR, 1 XR)	
Class	181 :	ACOUSTICS
181/101		GEOPHYSICAL OR SUBSURFACE EXPLORATION
181/102		.Well logging
181/106		..Seismic wave generation
2 181/112	(2 OR, 0 XR)	
Class	181 :	ACOUSTICS
181/101		GEOPHYSICAL OR SUBSURFACE EXPLORATION
181/108		.Seismic source and detector
181/112		..Plural detectors
2 299/16	(1 OR, 1 XR)	
Class	299 :	MINING OR IN SITU DISINTEGRATION OF HARD MATERIAL
299/10		PROCESSES
299/16		.Breaking down by direct contact with fluid
2 324/323	(1 OR, 1 XR)	
Class	324 :	ELECTRICITY: MEASURING AND TESTING
324/323		OF GEOPHYSICAL SURFACE OR SUBSURFACE IN SITU
2 324/344	(0 OR, 2 XR)	
Class	324 :	ELECTRICITY: MEASURING AND TESTING
324/323		OF GEOPHYSICAL SURFACE OR SUBSURFACE IN SITU
324/344		.With radiant energy or nonconductive-type receiver
2 367/14	(0 OR, 2 XR)	
Class	367 :	COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE SYSTEMS AND DEVICES
367/14		SEISMIC PROSPECTING
2 367/31	(2 OR, 0 XR)	
Class	367 :	COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE SYSTEMS AND DEVICES
367/14		SEISMIC PROSPECTING
367/25		.Well logging
367/28		..Amplitude measurement
367/31		...Of noncompressional acoustic wave energy
2 367/35	(1 OR, 1 XR)	
Class	367 :	COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE SYSTEMS AND DEVICES

		10081090_CLSTITLES
	367/14	SEISMIC PROSPECTING
	367/25	.Well logging
	367/35	..Borehole or casing condition
2	367/49	(0 OR, 2 XR)
	Class	367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE SYSTEMS AND DEVICES
	367/14	SEISMIC PROSPECTING
	367/37	.Land-reflection type
	367/38	..Signal analysis and/or correction
	367/49	...Frequency
2	367/57	(0 OR, 2 XR)
	Class	367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE SYSTEMS AND DEVICES
	367/14	SEISMIC PROSPECTING
	367/37	.Land-reflection type
	367/38	..Signal analysis and/or correction
	367/56	...Particular source-receiver array
	367/57	....Vertical receiver or source array
2	367/68	(2 OR, 0 XR)
	Class	367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE SYSTEMS AND DEVICES
	367/14	SEISMIC PROSPECTING
	367/37	.Land-reflection type
	367/68	..Display systems
2	367/70	(0 OR, 2 XR)
	Class	367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE SYSTEMS AND DEVICES
	367/14	SEISMIC PROSPECTING
	367/37	.Land-reflection type
	367/68	..Display systems
	367/70	...Color
2	367/74	(0 OR, 2 XR)
	Class	367 : COMMUNICATIONS, ELECTRICAL: ACOUSTIC WAVE SYSTEMS AND DEVICES
	367/14	SEISMIC PROSPECTING
	367/37	.Land-reflection type
	367/74	..Format conversion
2	702/11	(1 OR, 1 XR)
	Class	702 : DATA PROCESSING: MEASURING, CALIBRATING, OR TESTING
	702/1	MEASUREMENT SYSTEM IN A SPECIFIC ENVIRONMENT
	702/2	.Earth science

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702/6 ...Well logging or borehole study  
702/11 ...Formation characteristic

2 702/9 (0 OR, 2 XR)  
Class 702 : DATA PROCESSING: MEASURING, CALIBRATING, OR  
TESTING  
702/1 MEASUREMENT SYSTEM IN A SPECIFIC ENVIRONMENT  
702/2 .Earth science  
702/6 ..Well logging or borehole study  
702/9 ...Drilling

10081090\_CLS  
Most Frequently Occurring Classifications of Patents Returned  
From A Search of 10081090 on February 10, 2003

Original Classifications

7 702/16  
4 367/38  
3 367/73  
3 367/75  
2 181/112  
2 367/31  
2 367/68  
2 702/14

Cross-Reference Classifications

5 702/14  
5 702/16  
4 367/59  
3 367/50  
3 367/73  
3 702/17  
2 181/105  
2 324/344  
2 367/14  
2 367/25  
2 367/37  
2 367/38  
2 367/47  
2 367/49  
2 367/57  
2 367/70  
2 367/74  
2 702/18  
2 702/9

Combined Classifications

12 702/16  
7 702/14  
6 367/38  
6 367/73  
4 367/59  
3 367/25  
3 367/37  
3 367/47  
3 367/50  
3 367/75  
3 702/17  
3 702/18

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2 181/105  
2 181/106  
2 181/112  
2 299/16  
2 324/323  
2 324/344  
2 367/14  
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2 367/68  
2 367/70  
2 367/74  
2 702/11  
2 702/9



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10081090\_LIST

PLUS Search Results for S/N 10081090, Searched February 10, 2003

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10081090\_LIST

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6473696  
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10081090\_QUAL

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5870691 56  
6131071 56  
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4888742 38  
4885722 38

10081090\_QUAL

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accordance 2  
accordingly 1  
accumulations 1  
act 1  
adapted 1  
all 1  
amplitudes 2  
an 8  
and 23  
another 2  
apparatus 2  
apparent 1  
applicability 1  
application 2  
applications 1  
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as 4  
attenuation 2  
attribute 3  
background 1  
based 3  
be 5  
become 2  
been 2  
being 1  
below 6  
brief 1  
by 2  
can 2  
cd 1  
change 1  
changes 1  
compared 1  
comprised 1  
computation 1  
computer 4  
containing 1  
cross 1  
cut 1  
data 9  
defining 2  
derived 4  
described 1

description 7  
 detailed 6  
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 developed 2  
 disclosure 1  
 drawings 2  
 earth 6  
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 energy 2  
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 etc 1  
 example 1  
 examples 2  
 executes 1  
 exploration 1  
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 filed 1  
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 formation 7  
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 fractured 11  
 fractures 9  
 frequencies 6  
 frequency 12  
 from 11  
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 further 1  
 generated 1  
 generating 1  
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 geophysical 1  
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 graphics 1  
 has 2  
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 hereinbelow 2  
 high 4  
 higher 2  
 horizon 6  
 however 1



hydrocarbon 1  
iary 1  
illustrate 3  
illustrated 1  
illustrates 5  
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in 19  
include 1  
including 1  
indigo 1  
infer 2  
inserted 1  
instructions 1  
intended 1  
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interesting 1  
invention 8  
is 6  
it 1  
january 1  
known 1  
layer 6  
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loading 1  
located 2  
low 1  
lower 2  
mainframe 1  
map 3  
mappable 3  
maps 1  
matter 1  
may 1  
measurable 1  
measurement 1  
method 8  
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number 1  
obtained 1  
obvious 1  
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on 3  
one 2  
only 2  
or 9

other 1  
 over 2  
 package 1  
 pair 2  
 parameter 3  
 pending 1  
 personal 1  
 plurality 6  
 possible 1  
 preferential 1  
 preferred 2  
 presence 5  
 present 7  
 presented 2  
 prior 1  
 produces 3  
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 propagating 3  
 proportional 2  
 provisional 1  
 reading 1  
 reference 1  
 referring 1  
 reflector 6  
 related 1  
 relates 1  
 represenstive 1  
 representing 1  
 respect 1  
 response 1  
 responsive 1  
 rock 9  
 rom 1  
 said 1  
 scope 2  
 second 2  
 seismic 21  
 serial 1  
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 should 1  
 show 2  
 signal 4  
 signals 2  
 silicon 1  
 since 1  
 six 1  
 skilled 1  
 software 2

source 1  
sparc 1  
specific 3  
spectra 7  
spectrum 2  
spirit 1  
stores 1  
stthth 1  
subject 1  
sun 1  
superimposed 1  
system 3  
target 1  
that 4  
the 67  
therein 1  
these 2  
this 4  
through 3  
time 6  
to 19  
traces 3  
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understood 1  
unique 2  
upon 1  
used 1  
uses 2  
using 1  
utility 1  
value 1  
values 1  
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wave 4  
way 2  
when 2  
wherein 1  
which 6  
while 1  
will 4  
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windows 2  
with 5  
within 1  
workstation 6  
workstations 1  
zone 5

10081090 WEST

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